

Lundi Ship May 25

Work Order ID 132936

132936

Page 1

Tuesday, May 19, 2015 2:05:04 PM

~~REFERENCE ONLY~~
Accept

Item ID: D076-612-015

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15 Start Qty: 3.00 *3*

Cust Item ID:

Required Date: 5/25/15 Req'd Qty: 3.00 *3*

Customer:

Reference:

Approvals: Process Plan: JA Date: 15.5.19 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D076-612	B

MAY 26 2015

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo 11.10

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D076-612-015 CHG004

DAS
6
9-893x
APR 26 2015

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

3x

DAS
28
9-89

MAY 21 2015

DAS
26
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
6
9-89

3y

APR 26 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Description Work Order Deviation				Disposition			Completed By																		
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐																			

Work Order ID 132936***132936***

Page 2

Tuesday, May 19, 2015 2:05:04 PM

Item ID: D076-612-015 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)
Start Date: 5/19/15 Start Qty: 3.00 ***3*** Cust Item ID:
Required Date: 5/25/15 Req'd Qty: 3.00 ***3*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D076-612-015								
	Location: <u>D16</u>								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

3X DAS 6 9-89 APR 26 2015

MCS MAY 26 2015

ME 15-5-26

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Tuesday, May 19, 2015 2:05:08 PM

Page 1

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A05.05.12New issueKJ/JLM IPP Rev:B 10.09.08 as per
ecn 10-607 DD verf:EC IPP REV:C 14.11.03 ECN14-648/IIN
REVB DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3439-101		Manufactured	No			110	Each	38.0000	1	3			
-----------	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

D3439-101
Mirror Assembly 8"

DAS
6
9-89

Location

Loc Qty

Loc Code

FG
103697
ST381
115883
125449

2
2
36
12
24

**

DAS
26
9-89

D2012-117		Manufactured	No			110	Each	38.0000	3	9			
-----------	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

D2012-117
Clevis

DAS
6
9-89

Location

Loc Qty

Loc Code

WA004
124563
125440
127735
131990

38
11
7
10
10

**

DAS
26
9-89

D2261-041		Manufactured	No			110	Each	1.0000	1	3			
-----------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

D2261-041
Long Arm Assembly

DAS
6
9-89

Location

Loc Qty

Loc Code

ST368
124565

1
1

**

DAS
26
9-89

B132939 X2

MAY 22 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

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Work Order ID: 132936

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Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

D2262-041

Manufactured No

110 Each

1.0000

1 3

D2262-041

Short Arm Assembly

**

DAS
26
9-89

Location

Loc Qty

Loc Code

ST352

1

1

32.0000

2 6

D2263-1

Manufactured No

110 Each

D2263-1

Clamp

**

DAS
26
9-89

Location

Loc Qty

Loc Code

ST005

32

32

141.0000

2 6

D2263-3

Manufactured No

110 Each

D2263-3

Clamp

**

DAS
26
9-89

Location

Loc Qty

Loc Code

ST005

141

141

15.0000

3 9

D2264

Manufactured No

110 Each

D2264

Cushion

**

DAS
26
9-89

Location

Loc Qty

Loc Code

Mezz

15

15

54727

9 x B133015

MAY 25 2015

Tuesday, May 19, 2015 2:05:09 PM

Shop Packet Print

Page 2

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							QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐																		

Picklist Print

Page 3

Tuesday, May 19, 2015 2:05:09 PM

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

D2271-041

Manufactured No

110

Each

6.0000

3 9

D2271-041

"L" Bracket Assembly

*

Location

Loc Qty

Loc Code

prelim

1

123828

1

ST006

5

124595

5

Manufactured No

110

Each

18.0000

2 6

D5077-1

DAS
6
9-89

D5077-1

Spacer

**

DAS
26
9-89

B132937 X 4

MAY 21 2015

5 140

DAS
26
9-89

Location

Loc Qty

Loc Code

prelim

4

119735

4

ST145

14

124568

14

Manufactured No

110

Each

19.0000

2 6

DAS
6
9-89

D5081-1

Radius Block

**

DAS
26
9-89

B1329416

MAY 21 2015

Location

Loc Qty

Loc Code

ST146

19

124598

19

Purchased No

110

Each

29.0000

1 3

AN3G10A

DAS
6
9-89

AN3G10A

Bolt

9-89

**

DAS
26
9-89

6 140 MAY 21 2015

Location

Loc Qty

Loc Code

ST349

29

m128634

25

m129521

4

3 140 MAY 21 2015

DAS
6
9-89

Tuesday, May 19, 2015 2:05:09 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

Picklist Print

Tuesday, May 19, 2015 2:05:09 PM

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

AN3C11A

Purchased No

110 Each

69.0000

3 9

AN3C11A

BOLT

DAS
6
9-89

Location

Loc Qty

Loc Code

ST349

69

M128224

19

M131957

20

M132035

30

**

DAS
26
9-89

AN4C5A

Purchased No

110 Each

68.0000

1 3

AN4C5A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

5

M128403

5

ST345

23

M130466

23

ST346

40

131677

40

**

DAS
26
9-89

AN4C6A

Purchased No

110 Each

466.0000

1 3

AN4C6A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

FG

14

103344

4

121657

10

ST312A

200

m131618

200

ST345

252

m130716

52

m131410

200

**

DAS
26
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : ☐							

Picklist Print

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Tuesday, May 19, 2015 2:05:09 PM

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

NAS1149C0363R

Purchased

No

110

Each

427.0000

6

18

NAS1149C0363R

Washer

**

MAY 21 2015

DAS 26 9-89

Location

Loc Qty

Loc Code

FP001

75

114742

75

GA

181

m130673

181

ST271

171

122441

3

m130673

168

110

Each

341.0000

6

18

**

MAY 27 9-89

DAS 26 9-89

MAY 21 2015

NAS1149C0463R

Purchased

No

NAS1149C0463R

Washer

Location

Loc Qty

Loc Code

FP001

86

m127306

86

ST271

255

m128401

255

18

DAS 6 9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

Tuesday, May 19, 2015 2:05:10 PM

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Staff Qty: 3.00

Required Qty: 3.00

MS21043-3

Purchased

No

110

Each

719.0000

18

MS21043-3

Nut

**

DAS
27
9-89

DAS
26
9-89

Location

Loc Qty

Loc Code

FG 80

103691 80

FP001 41

m130673 41

GA 309

m130673 15

m131677 294

ST304 289

m131340 289

18

MS21043-4

Purchased

No

110

Each

569.0000

9

MS21043-4

Nut

**

DAS
27
9-89

DAS
26
9-89

Location

Loc Qty

Loc Code

FG 40

104603 40

GA 315

m128798 315

ST304 214

m128818 34

m131697 180

9

MS27039C1-14

Purchased

No

110

Each

95.0000

9

MS27039C1-14

Screw

**

DAS
27
9-89

DAS
26
9-89

MAY 21 2015

Location

Loc Qty

Loc Code

ST283 95

m129406 30

m130412 65

9

DAS
6
9-89

Tuesday, May 19, 2015 2:05:10 PM

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Tuesday, May 19, 2015 2:05:10 PM

Work Order ID: 132936

132936

Parent Item: D076-612-015

D076-612-015

Parent Item Name: Cargo Mirror Installation, 8" (Fits LH or RH)

Start Date: 5/19/15

Required Date: 5/25/15

Start Qty: 3.00

Required Qty: 3.00

CR3553-4-02

Purchased

No

110

Each

56.0000

9

27

CR3553-4-02

**

DAS
27

DAS

RIVET

9-89

26
9-89

Location

Loc Qty

Loc Code

ST318

56

m130401

56

MAY 21 2015

27

DAS

6

9-89

Tuesday, May 19, 2015 2:05:10 PM

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____																			

DAS
6
9-89

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D076-612-011	1.8 lb	±46.5 in	±83.7 in-lb	99.1 in	178.4 in-lb
Cargo Mirror, 6"	0.82 kg	±1.18 m	±0.97 m-kG	2.52 m	2.07 m-kG
D076-612-015	2.3 lb	±46.5 in	±107.0 in-lb	99.1 in	227.9 in-lb
Cargo Mirror, 8"	1.04 kg	±1.18 m	±1.23 m-kG	2.52 m	2.62 m-kG

5.0 PARTS LIST

Qty -011	Qty -015	Part Number	Description
X		D076-612-011	CARGO MIRROR, 6"
	X	D076-612-015	CARGO MIRROR, 8"
1		D2011-101	Mirror (6")
	1	D3439-101	Mirror (8")
3	3	D2012-117	Clevis
1	1	D2261-041	Long Arm Assembly
1	1	D2262-041	Short Arm Assembly
4	2	D2263-1	Clamp
	2	D2263-3	Clamp
3	3	D2264	Cushion
3	3	D2274-041	L Bracket Assy
2	2	D5077-1	Spacer
2	2	D5081-1	Radius Block
1	1	AN3C-10A	Bolt
3	3	AN3C-13A5	Bolt
1	1	AN4C-5A	Bolt
1	1	AN4C-6A	Bolt
6	6	NAS1149C0363R	Washer
6	6	NAS1149C0463R	Washer
6	6	MS21043-3	Nut
3	3	MS21043-4	Nut
3	3	MS27039C1-14	Screw
9	9	CR3553-4-02	Blind Rivet

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Revision: B
Date: 14.02.13